

App. Serial No. 09/892,922
Response to May 26, 2005 Final Office Action

LISTING OF THE CLAIMS

Claims 1 - 34 are pending. No claims have been amended, canceled, or added. The following listing of claims replaces all prior versions of claims in the application.

1. (Previously presented) A method for a server computer to automatically provide content to a client computer, the method comprising:
 - receiving, by the server computer, a request from the client computer for one or more requested content items; and
 - responsive to receiving the request:
 - identifying, by the server computer, a data structure that refers to one or more further content items;
 - modifying, by the server computer, the data structure to reference the requested content items; and
 - providing, by the server computer, the content items referenced by the modified data structure to the client computer.

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2. (Previously presented) A method as recited in claim 1:

wherein identifying the data structure, the data structure comprises a playlist;

wherein receiving the request, the one or more requested content items comprises streaming media content; and

wherein providing the content items further comprises streaming the content items referred to by the playlist.

3. (Previously presented) A method as recited in claim 1, wherein identifying the data structure, the data structure comprises a first Web page specification, and the requested content comprises a second Web page specification.

4. (Previously presented) A method as recited in claim 1, wherein modifying the data structure further comprises adding a plurality of references to the requested content item in the data structure.

5. (Previously presented) A method as recited in claim 1, wherein modifying the data structure further comprises adding a plural number of references to the requested content item in the data structure, the number being indicated by the request.

6. (Previously presented) A method as recited in claim 1, wherein receiving the request, further comprises receiving a variety of requests from the client computer, at least one subset of the variety of requests comprising respective requests to one or more different content items.

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7. (Previously presented) A method as recited in claim 1, wherein modifying the data structure, the data structure further comprises a placeholder that identifies a particular point in a sequence where the reference to the requested content is placed.
8. (Previously presented) A method as recited in claim 1, wherein identifying the data structure further comprises creating the data structure by modifying a base data structure.
9. (Previously presented) A method as recited in claim 1, wherein identifying the data structure further comprises creating the data structure by copying a base data structure.
10. (Previously presented) One or more computer-readable media containing computer program instructions for providing streaming media content to a plurality of clients, the computer program instructions comprising instructions for:
 - receiving, by a server computer, a request that refers to one or more streaming media content items;
 - identifying, by a server computer, a playlist that refers to a sequence of one or more further streaming media content items;
 - modifying, by a server computer, the playlist to reference the one or more requested streaming media content items in the sequence; and
 - streaming, by a server computer, the streaming media content items referenced by the modified playlist to at least one requesting client computer.

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11. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist further comprises adding a plurality of references to the requested content item to the playlist.
12. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist further comprises adding a plural number of references to the requested content item to the playlist, the number being indicated by the received request.
13. (Original) One or more computer-readable media as recited in claim 10, wherein identifying the playlist further comprises creating the playlist by modifying a base playlist.
14. (Original) One or more computer-readable media as recited in claim 10, wherein identifying the playlist further comprises creating the playlist by modifying a copy of a base playlist.
15. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist, the data structure further comprises a placeholder that identifies a particular point in the sequence where the requested content is placed.

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16. (Original) One or more computer-readable media as recited in claim 10, wherein receiving the request further comprises instructions for receiving a variety of requests from the client, at least one subset of the variety of requests comprising respective requests to one or more different streaming media content items.

17. (Previously presented) One or more computer-readable media containing computer program instructions for a server computer to provide providing Web content to a plurality of client computers, the computer program instructions comprising instructions for:

receiving, by a server computer, a request from a client computer for one or more requested Web documents;

responsive to receiving the request:

identifying, by a server computer, a wrapper Web document that refers to one or more further Web documents;

modifying, by a server computer, the wrapper Web document to reference the one or more requested Web documents; and

providing, by a server computer, the Web documents referenced by the modified wrapper Web document to the client.

18. (Original) One or more computer-readable media as recited in claim 17: wherein modifying the wrapper Web document further comprises adding a plurality of references to the requested Web documents in the wrapper Web document.

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19. (Original) One or more computer-readable media as recited in claim 17, wherein modifying the wrapper Web document further comprises: adding a plural number of references to the requested Web documents in the wrapper Web document, the number being indicated by the received request.
20. (Original) One or more computer-readable media as recited in claim 17, wherein identifying the wrapper Web document, the wrapper Web document is a base wrapper Web document.
21. (Original) One or more computer-readable media as recited in claim 17, wherein identifying the wrapper Web document, the wrapper Web document is a copy of a base wrapper Web document.
22. (Original) One or more computer-readable media as recited in claim 17, wherein modifying the wrapper Web document, the wrapper Web document further comprises a placeholder that identifies a particular point in a sequence where the requested documents are referenced.
23. (Original) One or more computer-readable media as recited in claim 17, wherein receiving the request further comprises instructions for receiving a variety of requests from the client, at least a subset of the variety comprising respective requests to one or more different Web specification documents.

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24. (Previously presented) A server including a processor configured to perform one or more operations comprising:

receiving a plurality of requests from a client for one or more requested content items;

responsive to receiving the request, and for at least a subset of the received requests:

(a) identifying, by the server, a data structure containing a sequence of references to one or more further content items;

(b) modifying, by the server, the data structure reference to the requested content items; and

(c) communicating, by the server, the content items referenced by the modified data structure to the client.

25. (Original) A server as recited in claim 24, wherein the data structure comprises a playlist, the requested content comprising streaming media content, and wherein the communicating comprises streaming the content items referenced by the modified data structure to the client.

26. (Original) A server as recited in claim 24, wherein the data structure comprises a first Web page specification, and wherein the requested content comprises a second Web page specification.

27. (Original) A server as recited in claim 24, wherein modifying the data structure comprises including a plurality of references to the requested content item in the data structure.

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28. (Original) A server as recited in claim 24, wherein modifying the data structure comprises including a plural number of references to the requested content item in the data structure, the number being indicated by the request.

29. (Original) A server as recited in claim 24, wherein identifying the data structure comprises creating the data structure by modifying a base data structure.

30. (Original) A server as recited in claim 24, wherein identifying the data structure comprises identifying the data structure by modifying a copy of a base data structure.

31. (Original) A server as recited in claim 24, wherein at least a subset of the received requests refer to differing content items.

32. (Previously presented) A computer-readable medium having stored thereon a wrapper data structure comprising:

one or more first data fields, each data field containing data therein representing a respective reference to a set of content items;

at least one second data field containing data therein representing a respective placeholder to identify a particular point in a sequence of the one or more first data fields where a reference to a set of client requested content is to be inserted; and

wherein the data structure comprises is a playlist or a Web page.

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33. (Previously presented) A computer-readable medium as recited in claim 32:
wherein the data structure is a playlist; and
wherein the content items and the client requested content are streaming media content items that are respectively identified with a Universal Resource Locator.

34. (Previously presented) A computer-readable medium as recited in claim 32:
wherein the data structure is a Web page;
wherein the content items are a first set of Web page specifications; and
wherein the client requested content are one or more second Web page specifications.